

PANJAB UNIVERSITY

Scheme and Syllabus of

B.E. (Biotechnology)

1st to 8th semester

With optional

Minor Specialization

in

Computational Biology & Data Science

2024-2028

BE (Biotechnology Engineering)
With
Minor Specialization
in
Computational Biology & Data Science
Session 2024-28

Important Note:

1. In order to be eligible to get BE (Biotechnology Engineering) with Minor Specialization in Computational Biotechnology & Data Science, the candidate must also have cleared all subjects of BE (Biotechnology Engineering) curriculum offered by Panjab University, Chandigarh.
2. Student must complete all course study and examination related requirements as laid down by NPTEL from time to time.
3. Student must earn course completion certificates from NPTEL and submit the same to concerned office.

Course Structure

Student has to complete 3 Core courses and 2 Elective courses (with minimum of 48 Weeks or as specified on NPTEL Domain Certification webpage) to become eligible for course certificate.

Course Credits

Total Credits for Minor Specialization in Computational Biology & Data Science: **20**

Every Core course related to Artificial Intelligence domain will be considered as a 4 credit course.

Every Elective course related to data science domain will be considered as a 4 credit course.

Course details

Course details related to core and elective courses can be

	https://nptel.ac.in/domains/discipline/102?course=102_3
Scheme and Syllabus	<p>Scheme and Syllabus (Course plan) can be accessed through NPTEL Domain Certification webpage related to Artificial Intelligence, such as weblink:</p> <p>https://nptel.ac.in/domains/discipline/102?course=102_3</p>
Student Evaluation Criterion	<p>Information related to Criterion followed for Final score calculation can be assessed by clicking at NPTEL course ID on NPTEL Domain Certification webpage related to Artificial Intelligence, such as weblink:</p> <p>https://nptel.ac.in/domains/discipline/102?course=102_3</p>
Course Duration	<p>Student can start studying Minor Specialization subjects online from 3rd semester onwards. In addition, student will have to comply with NPTEL Domain Certification guidelines, from time to time, regarding number of courses to be studied in each semester and total time-bound duration of the course.</p>